Avon's products fall within the definition of significant military equipment in the United States Munitions list, International Traffic in Arms Regulations and may only be supplied outside of the United States of America to customers who are licensed by the US Department of State, Directorate of Defence Trade Controls. 22 CFR 125.4(b)(5) applicable.

C50 Protective Mask
New Equipment Training
Avon Protection Systems, Inc. - Our History

Avon Rubber p.l.c, our UK parent company, has manufactured high-performance rubber products since 1885.

Established in Wiltshire, England, Avon Rubber (trading as AVON on the London Stock Exchange) is a worldwide provider of superior respiratory protection, dairy and defense industry products.

In response to its award of the JSGPM program by the US Department of Defense, Avon divested of the automotive, aerosol gaskets and product mixing business units to focus primarily on the Respiratory Protection and Dairy products.
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Our Mask Pedigree

1911
GSR Mk IV
WW1

1939
GSR Mk V
WW2

1943
Anti-Gas MK.I
WW2

1980
S10 GSR
1st Gulf War
Falklands Conflict

JSGPM/M50 FM53 C50
2007
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JSGPM/M50
Replaces 3 legacy masks

MCU2P
M17
M40

“One mask for all DOD users and missions”
JSGPM/M50 Mission:
Provide Face, Eye and Respiratory Protection from Battlefield Concentrations of CB Agents, Toxins, Toxic Industrial Materials and Radioactive Particulate Matter

User Groups - All Services - Replaces Current M40/M42 and MCU-2/P Series Protective Masks

Current Status:
• In Full Rate Production
• 300,000 systems delivered to date (>50,000 C50’s)
• Product fielded to US Armed Forces in NA, Guam, Turkey, South Korea, UK
• Mask Capacity currently @ 300,000 units/year

C50 is the NIOSH approved variant
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NIOSH Protection Factor Triangle

Protection Factor Range

- C50
- SCBA
- PAPR
- F/F APR
- ESCAPE HOODS
- HALF MASK
- N95

Value Range

- $10,000+
- $3000+
- $750+
- $250+
- $125+
- $15+
- $1+
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**Approval Numbers**

<table>
<thead>
<tr>
<th>System</th>
<th>NIOSH TC Number</th>
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<tbody>
<tr>
<td>C50 / C50 Twin Port and CTF12 filter</td>
<td>TC-14G-0278</td>
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<tr>
<td>C50 / C50 Twin Port and CBRN12 filter</td>
<td>TC-14G-0285</td>
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<tr>
<td>C50 / C50 Twin Port and CBRN128 filter</td>
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<td>FM53 and CTF12 filter</td>
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<td>FM53 and CBRN128 filter</td>
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<td>C420 PAPR with C50 mask and CBRN128 filter</td>
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<td>C420 PAPR with CBRNFM12 mask and CBRN128 filter</td>
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<td>ST53 SCBA</td>
<td>TC-13F-577, 2216 psi, 30 min</td>
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<tr>
<td></td>
<td>TC-13F-580, 4500 psi, 60 min</td>
</tr>
</tbody>
</table>
Comfort Harness
- Low profile brow pads eliminate pressure points
- Lycra material for comfort
- Machine washable

User Benefits
- Delivers easy donning and secure fit to head
- Discomfort from helmet integration resolved

Unique 1-piece Visor
- Flexible, distortion free Polyurethane visor
- No yellowing / aging issues
- Triple bonded, will not delaminate
- Scratch resistant, self healing

User Benefits
- Mask can be folded in half for quick storage
- Distortion-free vision for weapons sighting
- Visor profile integrates with all ballistic helmets

Fewer Replacement Parts
- Speak through exhale valve
- No speech diaphragm
- No nosecup check valves
- Common inlet/outlet valves
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**Fail Safe Drinking**
- Highest flow rates
- Triple valve system
- Fits canteens and bladders

**User Benefits**
- Easy drinking while on the move
- Mask operable if external drinks tube damaged
- Mouthpiece stows away when not in use

**Communications Port**
- Unique integrated connector
- Designed for voice amplifier and radios

**User Benefits**
- Clear communication for crowd control and team instructions.
- Available comms lead works with existing 2 way radios

**Simple Outserts**
- Increased ballistic protection
- Distortion free
- Additional scratch resistance
- Flexible, lightweight
- Various light filters

**User Benefits**
- User can fit and remove outsert unaided
- ‘Rip Away’ cover if user is sprayed with paint/dirt
- Flexible visor allows user to fold mask for storage

**Filter Options**
- LH & RH 40mm filter mounts
- Accepts traditional and conformal filters

**User Benefits**
- Easily configured for LH or RH wearers
- Lower inventory cost
- Close fit conformal filters protrude less

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**Suit / Hood Interface**
- Integrated beard for compatibility with suits
- No second skin required

**User Benefits**
- Excellent fit with NFPA suits
- Added throat protection

**3 Mask Sizes Available**
- Fits 2% - 98% of population
- Butyl/Silicone faceblank material blend
- Don in <9 seconds from carrier

**User Benefits**
- High levels of comfort, no need to over-tighten
- Only 2 straps to adjust
- Pliable mask accommodates all face shapes

**Low Cost of Ownership**
- Common inlet/outlet valve
- Minimum replacement parts
- Validated for >10 years

**User Benefits**
- Lower inventory cost
- Requires only basic user maintenance
- Common parts with FM53

**PRODUCT FEATURES**